

## Proposal Full View

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### Applicant Information

Organization Name Sacramento Area Flood Control Agency \*

Tax ID 999999928

Proposal Name American River Basin IRWM Stormwater Flood Management Grant Proposal – Upper Unionhouse Creek Flood Protection Project \*

Proposal Objective The goal of this Proposal is to implement the current stormwater-related priority projects that best contribute to meeting the ARB IRWM stormwater management objectives. The Upper Unionhouse Creek Flood Protection Project will extend 100-year flood protection to 250 to 300 homes currently in the 100-year floodplain, relieving the homeowners of the burden of costly flood insurance, and would enable this reach to be removed from the Federal Project, keeping it out of the State Plan of Flood Control and avoiding state liability for its maintenance. The project will solve flooding issues in the project reach at a lower cost than could be achieved with the Federal Project, and by removing this reach from the Federal Project will leverage other federal, state and local funds for underfunded flood protection improvements elsewhere in the Morrison Creek watershed. It will contribute to a solution to flooding concerns preventing Sacramento Regional Transit District from connecting Downtown Sacramento to Cosumnes River College. \*

### Budget

Other Contribution	\$0.00
Local Contribution	\$880,960.00
Federal Contribution	\$0.00
Inkind Contribution	\$95,813.00
Amount Requested	\$976,773.00 *
Total Project Cost	\$1,953,546.00 *

### Geographic Information

Latitude \* DD(+/-) 38 MM 27 SS 31

Longitude \* DD(+/-) 121 MM 25 SS 43

Longitude/Latitude Clarification

Location

Between Strawberry Creek and Franklin Boulevard on the north side of Cosumnes River Boulevard

County Sacramento \*

Ground Water Basin Sacramento Valley-North American

Hydrologic Region Sacramento River

Watershed Sacramento River

### Legislative Information

Assembly District 9th Assembly District \*

Senate District 6th Senate District \*

US Congressional District District 5 (CA) \*

## Project Information

### Project Benefits Information

Project Name Upper Unionhouse Creek Flood Protection Proj

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Control/Protection Corridor	3.20	The project will incorporate approximately 3.2 acres into the flood protection corridor. This acreage is presently public land, but the acquisition will result in it being devoted to flood control rather than other uses.
Primary	Flood Protection	88	The project will afford 100-year flood protection to 88 acres presently containing residences.
			The project will facilitate the extension of the regional transit light rail program, resulting in the emission reduction of 772.63 tons of green

Secondary	Clean Air	0	house gas (CO2) each year and reducing direct energy consumption by 37,009 BTUs per year while improving accessibility to public transportation for all (including minority and low-income residents).
Secondary	Water and Sediment Quality-Other	0	The widening of Unionhouse Creek as part of the proposed project will result in slower velocities in that reach. The slower velocities will allow for the settling of entrained sediments and other pollutants and thus may improve water quality in Unionhouse Creek and downstream reaches of Morrison Creek.

**Budget**

Other Contribution	0
Local Contribution	880960
Federal Contribution	0
Inkind Contribution	95813
Amount Requested	976773
Total Project Cost	1953546

**Geographic Information**

Latitude DD(+/-)	38	MM 27	SS 31
Longitude DD(+/-)	121	MM 25	SS 43
Longitude/Latitude Clarification	Location South Sacramento Cou		

County	Sacramento
Ground Water Basin	Sacramento Valley-North American
Hydrologic Region	Sacramento River
WaterShed	Sacramento River

**Legislative Information**

Assembly District	9th Assembly District
Senate District	6th Senate District
US Congressional District	District 5 (CA)

**Section : Applicant Information Question Tab****APPLICANT INFORMATION QUESTION TAB****Q1. PROPOSAL DESCRIPTION**

Provide a brief abstract of the Proposal, including a listing of individual project titles or types.

Unionhouse Creek, a tributary to Morrison Creek in the southern part of the City of Sacramento and in unincorporated Sacramento County, floods out of bank in 100-year and more frequent storms. An estimated 250 to 300 homes are in the 100-year floodplain. The proposed project seeks to keep 100-year flood flows within the channel from the confluence of Unionhouse and Strawberry Creek, downstream to Franklin Boulevard where the federal South Sacramento Streams Group (SSSG) project (Federal Project) will commence. The project will remove up to 300 homes from the floodplain, relieving the homeowners of the burden of flood insurance. The lower reach of Unionhouse Creek below Franklin Boulevard has already been improved under the Federal Project. The reach between Franklin Blvd and Center Parkway has been under study as a part of the SSSG, but the Project would enable this reach to be removed from the Federal Project, keeping it out of the State Plan of Flood Control and avoiding state liability for its maintenance. The Project will solve flooding issues in the project reach at a lower cost than could be achieved with the Federal Project, and by removing this reach from the Federal Project, will leverage other federal, state and local funds for underfunded flood control needs elsewhere in the Morrison Creek watershed. The Upper Unionhouse Flood Protection Project will address the existing flood risk along Unionhouse Creek by expanding the width and adjusting the depth of the existing channel between Franklin Boulevard and Bruceville Road. This Project would significantly reduce the likelihood of overbank flooding in this portion of the creek and would provide at least a 100-year level of flood protection to the lands adjacent to the creek in this area, thus removing between 250 and 300 homes from the regulated floodplain. Additionally, the widening of Upper Unionhouse Creek will result in slower velocities in that reach and subsequently may improve water quality in Unionhouse Creek and downstream reaches of Morrison Creek by promoting settling and reducing sedimentation. Finally, the flood protection afforded by the Upper Unionhouse Creek Flood Protection Project will facilitate the development of a light rail extension project currently planned for the publically-owned corridor adjacent to Unionhouse Creek between Franklin Boulevard and Bruceville Road. This corridor currently contains Cosumnes River Boulevard, a two lane road that extends eastward from Franklin Boulevard to Highway 99. The Sacramento Regional Transit Authority (RT) has received Federal approval to extend light rail service though this corridor along the northern edge of the expanded roadway; however, the project cannot proceed until the flood control issues associated with Unionhouse Creek are resolved.

**Q2. PROJECT DIRECTOR**

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Richard Johnson Executive Director Sacramento Area Flood Control Agency 916-874-7606 johnsonr@SacCounty.net

**Q3. PROJECT  
MANAGEMENT**

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Pete Ghelfi Director of Engineering Sacramento Area Flood Control Agency 916-874-8733 ghelfip@SacCounty.net

**Q4. APPLICANT  
INFORMATION**

Provide the agency name, address, city, state, and zip code of the applicant submitting the application. Also provide the name and contact information of the person filling out the online application.

Sacramento Area Flood Control Agency 1007 7th Street, 7th Floor Sacramento, CA 95814

**Q5. ADDITIONAL  
INFORMATION**

Provide the funding area(s) in which projects are located.

[http://www.water.ca.gov/irwm/integregio\\_fundingarea.cfm](http://www.water.ca.gov/irwm/integregio_fundingarea.cfm)

Sacramento River Funding Area

**Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD  
(S)**

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

[http://www.waterboards.ca.gov/waterboards\\_map.shtml](http://www.waterboards.ca.gov/waterboards_map.shtml)

Central Valley Sacramento RWCQB

**Q7.  
ELIGIBILITY**

Is the application from an IRWM planning region approved in the RAP (See Section II B, Table 1)? If yes, include the name of the IRWM planning region. If not, explain.

Yes. American River Basin

**Q8.  
ELIGIBILITY**

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

Yes

**Q9.  
ELIGIBILITY**

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q10 and Q11.

None

**Q10.  
ELIGIBILITY**

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q9, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Not Applicable

**Q11.  
ELIGIBILITY**

Have any urban water suppliers listed in Q9 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

Not Applicable

**Q12.  
ELIGIBILITY**

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project (s) and list the agency(ies) that will implement the project(s).

Yes. The Upper Unionhouse Creek Flood Protection Project does have the incidental potential to impact groundwater. The implementing agency is the Sacramento Area Flood Control Agency.

**Q13.  
ELIGIBILITY**

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section IIIB of the Grant Guidelines?

The project lies in the area covered by the Central Sacramento County Groundwater Management Plan. As an agency charged with flood protection and control, SAFCA is not actively involved in groundwater use or management. The project contained in this proposal will provide for the incidental recharge of groundwater through unpaved sections of Upper Unionhouse Creek. In order to ensure that there are no direct groundwater impacts resulting from this project, SAFCA will coordinate with local

groundwater managers as part of the project implementation. Further, SAFCA has consented to be subject to the Central Sacramento County GWMP.

**Q14:**  
**ELIGIBILITY**

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Does the applicant have a Stormwater Resources Plan developed pursuant to Part 2.3 (commencing with Section 10560) of Division 6 of the Water Code, or an IRWM Plan that includes the Stormwater Resources Plan requirements specified in Section 10562 of the Water Code? Please answer yes or no. If yes, please answer Question 15 or 16, as applicable.

- a) Yes
- b) No

**Q15:**  
**ELIGIBILITY**

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For applicants with a Stormwater Resources Plan, does that Plan meet the standards set forth in Part 2.3 of Division 6 of the CWC? If yes, provide attachment 13.

- a) Yes
- b) No

**Q16:**  
**ELIGIBILITY**

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For applicants with an IRWM Plan, does that Plan include the Stormwater Resources Plan requirements specified in Section 10562 of the CWC? If yes, provide attachment 13.

- a) Yes
- b) No

**NOTES TO BMS**  
**ADMINISTRATOR**

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Provide notes about any potential problems you may have had with BMS that are particular to your application.

## Section : Application Attachments Tab

### APPLICATION ATTACHMENTS TAB

**ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY**  
**REQUIREMENTS**

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Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att1\_SWF\_SAFCA\_Eligible\_1of3.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments:  
Att1\_SWF\_SAFCA\_Eligible\_2of3.pdf

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments:  
Att1\_SWF\_SAFCA\_Eligible\_3of3.pdf

Upload additional Authorization and Eligibility documentation here.

**ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL**  
**ADOPTION**

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Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att2\_SWF\_SAFCA\_Adopt\_1of1.pdf

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

**ATTACHMENT**  
**3: WORK PLAN**

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Upload the Work Plan here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att3\_SWF\_SAFCA\_WorkPlan\_1of2.pdf

Upload additional work plan components here.

Last Uploaded Attachments:  
Att3\_SWF\_SAFCA\_WorkPlan\_2of2.pdf

Upload additional work plan components here.

Upload additional work plan components here.

Upload additional work plan components here.

#### **ATTACHMENT 4: BUDGET**

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Upload the Budget here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att4\_SWF\_SAFCA\_Budget\_1of1.pdf

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

#### **ATTACHMENT 5: SCHEDULE**

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Upload the Schedule here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att5\_SWF\_SAFCA\_Schedule\_1of1.pdf

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

#### **ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES**

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Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att6\_SWF\_SAFCA\_Measures\_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

#### **ATTACHMENT 7: ECONOMIC ANALYSIS - FLOOD DAMAGE REDUCTION COSTS AND BENEFITS**

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Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att7\_SWF\_SAFCA\_DReduc\_1of1.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

#### **ATTACHMENT 8: ECONOMIC ANALYSIS - WATER SUPPLY COSTS AND BENEFITS**

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Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att8\_SWF\_SAFCA\_WSBen\_1of1.pdf

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

### **Section : Application Attachments Tab (cont)**

#### **APPLICATION ATTACHMENTS TAB (CONT)**

#### **ATTACHMENT 9: WATER QUALITY AND OTHER EXPECTED BENEFITS**

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Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att9\_SWF\_SAFCA\_WQOtherBen\_1of1.pdf

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

#### **ATTACHMENT 10: COSTS AND BENEFITS SUMMARY**

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Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att10\_SWF\_SAFCA\_CBSummary\_1of1.pdf

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

#### **ATTACHMENT 11: PROGRAM PREFERENCES**

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Upload Program Preference documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att11\_SWF\_SAFCA\_Preference\_1of1.pdf

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

#### **ATTACHMENT 12: AB1420 AND WATER METER COMPLIANCE INFORMATION**

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Upload AB1420 and Water Meter Compliance Information here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att12\_SWF\_SAFCA\_Certification\_1of1.pdf

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

#### **ATTACHMENT 13: STORMWATER RESOURCES PLAN**

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This attachment is only necessary if the applicant has an existing Stormwater Resources Plan, pursuant (commencing with Section 10560) of Division 6 of the Water Code and answered "yes" to Q15 or Q16.

The summary text must be no more than 5 pages in length using a minimum of 10-point type font. Excerpts from the Plan must not exceed 15 pages.

Attachment 13 must provide the following:

Identify and include portions of the applicable Plan that demonstrate all of the standards of Part 2.3 (commencing with Section 10560) of Division 6 of the CWC.

Last Uploaded Attachments: Att13\_SWF\_SAFCA\_Strmrespln\_1of1.pdf

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.